POWER OF ATTORNEY

(For an International Application filed under the Patent Cooperation Treaty) ($PCT\ RULE\ 90.4$)

The undersigned applicant(s):

TITLE: SENERAL COUNSEL

TRW AUTOMOTIVE U.S. LLC

Hereby appoint(s) the following person as AGENT				
	name; for a legal entity, full ress must include postal code			
Thomas L. Tarolli, Reg. No. 20,177; Robert B. Sundheim, Reg. No. 20,127; Calvin G. Covell, Reg. No. 24,042; Barry L. Tummino, Reg. No. 29,709; James L. Tarolli, Reg. No. 36,029; Richard S. Wesorick, Reg. No. 40,871, Richard A. Sutkus, Reg. No. 43,941; Matthew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, Reg. No. 39,334; and Christopher P. Harris, Reg. No. 43,660 of the Law Firm				
TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P. 526 Superior Avenue, Suite 1111 Cleveland, Ohio 44114 United States of America				
To represent the undersigned before ALL THE COMPETENT INTERNATIONAL AUTHORITIES in connection with the international application identified below:				
,				
	ATUS FOR TRANSPORTING ATORY ANIMALS			
APPLICANT'S OR AGENT'S FILE REFERENCE: TRW(FA	AS) 5993			
INTERNATIONAL APPLICATION NUMBER (if available):				
Filed with the following Office $\underline{{\rm RO/US}}$ as receiving Office and to make or receive payments on behalf of the undersigned.				
indicate the name of the person	icants, each of them must sign; on signing and the capacity in ch capacity is not obvious from aper)			

POWER OF ATTORNEY

(For an International Application filed under the Patent Cooperation Treaty) (PCT RULE 90.4)

The undersigned applicant(s):

THE JACKSON LABORATORY

Hereby appoint(s) the followin	g person asAGENT
	(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)
Calvin G. Covell, Reg. No. 24, Tarolli, Reg. No. 36,029; Rich Sutkus, Reg. No. 43,941; Matth	0,177; Robert B. Sundheim, Reg. No. 20,127; 042; Barry L. Tummino, Reg. No. 29,709; James L. ard S. Wesorick, Reg. No. 40,871, Richard A. ew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, er P. Harris, Reg. No. 43,660 of the Law Firm
526 St	NDHEIM, COVELL & TUMMINO L.L.P. uperior Avenue, Suite 1111 Cleveland, Ohio 44114 ited States of America
	efore ALL THE COMPETENT INTERNATIONAL AUTHORITIES tional application identified below:
TITLE OF INVENTION:	APPARATUS FOR TRANSPORTING LABORATORY ANIMALS
APPLICANT'S OR AGENT'S FILE RE	FERENCE: TRW (FAS) 5993
INTERNATIONAL APPLICATION NUME	BER (if available):
Filed with the following Office receive payments on behalf of	the undersigned.
SIGNATURE OF APPLICANT(S)	(Where there are several applicants, each of them must sign; indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this paper)
NAME: HUR Councel	//20/03 DATE

POWER OF ATTORNEY

(For an International Application filed under the Patent Cooperation Treaty) (PCT RULE 90.4)

The undersigned applicant(s):

Inventor

Thomas Peterson

:	
Hereby appoint(s) the followi	ng person as AGENT
NAME AND ADDRESS	(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country)
Calvin G. Covell, Reg. No. 24 Tarolli, Reg. No. 36,029; Ric Sutkus, Reg. No. 43,941; Matt	20,177; Robert B. Sundheim, Reg. No. 20,127; ,042; Barry L. Tummino, Reg. No. 29,709; James L. hard S. Wesorick, Reg. No. 40,871, Richard A. hew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, her P. Harris, Reg. No. 43,660 of the Law Firm
•	SUNDHEIM, COVELL & TUMMINO L.L.P.
526 :	Superior Avenue, Suite 1111 Cleveland, Ohio 44114
Ü	Inited States of America
To represent the undersigned in connection with the interr	before ALL THE COMPETENT INTERNATIONAL AUTHORITIES national application identified below:
TITLE OF INVENTION:	APPARATUS FOR TRANSPORTING LABORATORY ANIMALS
TITLE OF INVENTION: APPLICANT'S OR AGENT'S FILE I	LABORATORY ANIMALS
	LABORATORY ANIMALS REFERENCE: TRW(FAS) 5993
APPLICANT'S OR AGENT'S FILE I	LABORATORY ANIMALS REFERENCE: TRW(FAS) 5993
APPLICANT'S OR AGENT'S FILE I	LABORATORY ANIMALS REFERENCE: TRW(FAS)5993 MBER (if available): ice RO/US as receiving Office and to make or
APPLICANT'S OR AGENT'S FILE INTERNATIONAL APPLICATION NUMBER 1 Section 1 Sec	LABORATORY ANIMALS REFERENCE: TRW(FAS) 5993 MBER (if available): ice RO/US as receiving Office and to make or f the undersigned.
APPLICANT'S OR AGENT'S FILE INTERNATIONAL APPLICATION NUMBER 1 in the following of the foll	LABORATORY ANIMALS REFERENCE: TRW(FAS)5993 MBER (if available): ice RO/US as receiving Office and to make or f the undersigned. (Where there are several applicants, each of them must sign; indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from
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APPLICANT'S OR AGENT'S FILE INTERNATIONAL APPLICATION NUMBER 1 in the following of the foll	LABORATORY ANIMALS REFERENCE: TRW(FAS)5993 MBER (if available): ice RO/US as receiving Office and to make or f the undersigned. (Where there are several applicants, each of them must sign; indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from

POWER OF ATTORNEY

(For an International Application filed under the Patent Cooperation Treaty) ($PCT \ RULE \ 90.4$)

The undersigned applicant(s):

John Vollmer

•				
Hereby appoint(s) the followin	g person as	AGENT		
	_	oy given name; for a legal entity, full The address must include postal code		
Thomas L. Tarolli, Reg. No. 20,177; Robert B. Sundheim, Reg. No. 20,127; Calvin G. Covell, Reg. No. 24,042; Barry L. Tummino, Reg. No. 29,709; James L. Tarolli, Reg. No. 36,029; Richard S. Wesorick, Reg. No. 40,871, Richard A. Sutkus, Reg. No. 43,941; Matthew M. Shaheen, Reg. No. 45,367; Gary J. Pitzer, Reg. No. 39,334; and Christopher P. Harris, Reg. No. 43,660 of the Law Firm				
TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P. 526 Superior Avenue, Suite 1111 Cleveland, Ohio 44114 United States of America				
To represent the undersigned before ALL THE COMPETENT INTERNATIONAL AUTHORITIES in connection with the international application identified below:				
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APPLICANT'S OR AGENT'S FILE RE	FERENCE:	TRW (FAS) 5993		
INTERNATIONAL APPLICATION NUMBER (if available):				
Filed with the following Office RO/US as receiving Office and to make or receive payments on behalf of the undersigned.				
SIGNATURE OF APPLICANT(S)	indicate the name of t	cal applicants, each of them must sign; the person signing and the capacity in s, if such capacity is not obvious from this paper)		

John Vollmer

DATE

POWER OF ATTORNEY

(For an International Application filed under the Patent Cooperation Treaty) (PCT RULE 90.4)

The undersigned applicant(s):

John J. Strzempko

Hereby appoint(s) the followi	ng person as	AGENT
NAME AND ADDRESS		by given name; for a legal entity, ful The address must include postal code
Tarolli, Reg. No. 36,029; Ric	,042; Barry L. Tum hard S. Wesorick, hew M. Shaheen, Re	mino, Reg. No. 29,709; James L. Reg. No. 40,871, Richard A. g. No. 45,367; Gary J. Pitzer,
526	SUNDHEIM, COVELL & Superior Avenue, So Cleveland, Ohio 4 United States of Am	uite 1111 4114
To represent the undersigned in connection with the interr	before ALL THE COM	PETENT INTERNATIONAL AUTHORITIE on identified below:
TITLE OF INVENTION:		APPARATUS FOR TRANSPORTING LABORATORY ANIMALS
APPLICANT'S OR AGENT'S FILE I	REFERENCE:	TRW (FAS) 5993
INTERNATIONAL APPLICATION NUM	MBER (if available):	PCT/US03/02084
Filed with the following Officeceive payments on behalf of		receiving Office and to make or
SIGNATURE OF APPLICANT(S)	indicate the name of	eral applicants, each of them must sign the person signing and the capacity in ms, if such capacity is not obvious fro or this paper)

Jøhn J./Strze

2/24/03 DATE